

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016164.D
 Acq On : 27 Mar 2015 6:13
 Operator : TP/IZ
 Sample : G1653-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB

Quant Time: Mar 27 15:44:07 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 15:24:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	48363	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	210477	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	135027	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	306465	20.00	ng	0.00
75) Chrysene-d12	21.32	240	315225	20.00	ng	0.00
86) Perylene-d12	23.61	264	306671	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	189290	65.51	ng	0.00
7) Phenol-d6	6.96	99	156480	38.90	ng	0.00
23) Nitrobenzene-d5	8.95	82	339588	100.04	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	261713	168.79	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	855445	106.05	ng	0.00
78) Terphenyl-d14	19.77	244	1324496	105.82	ng	0.00

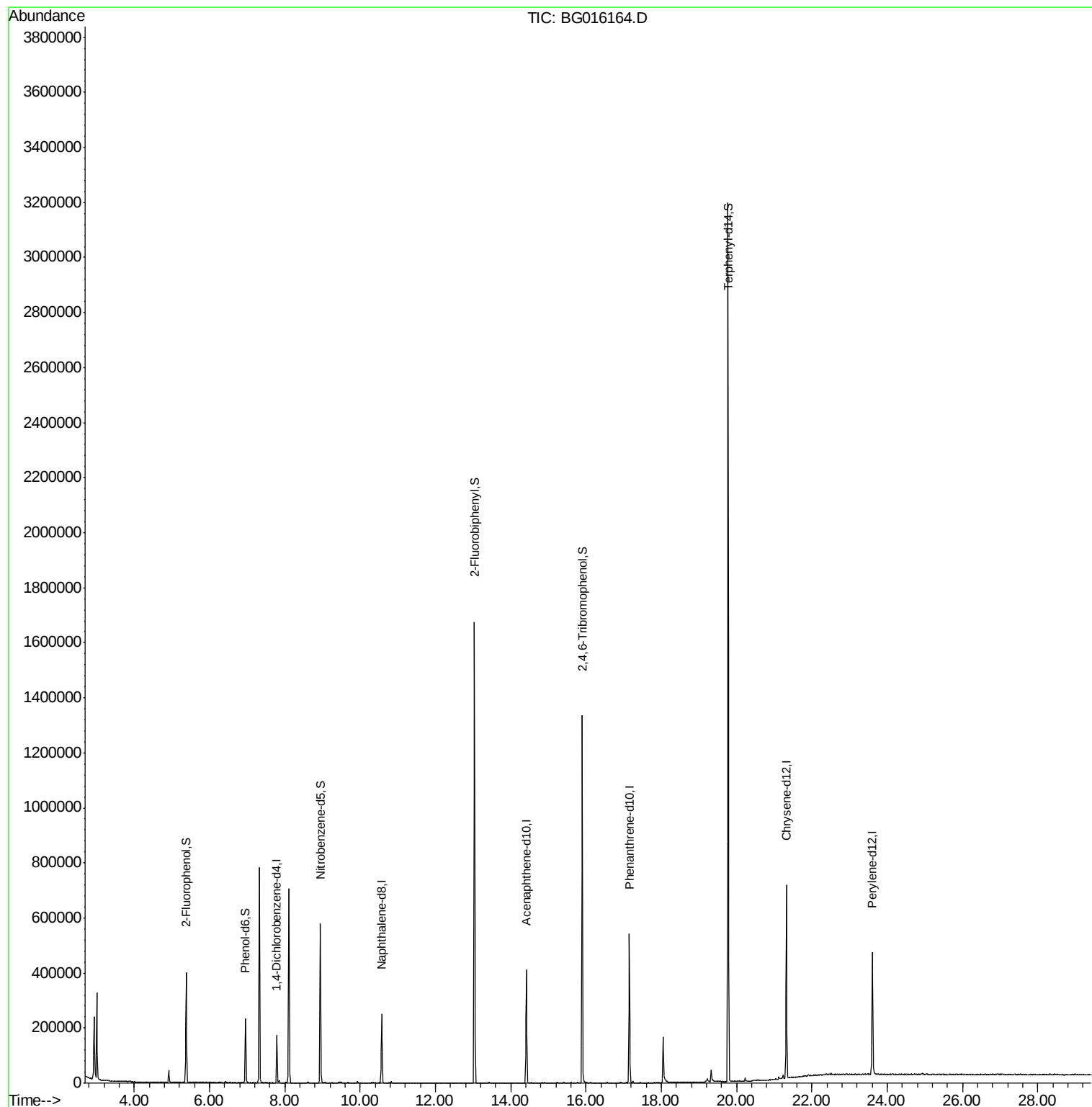
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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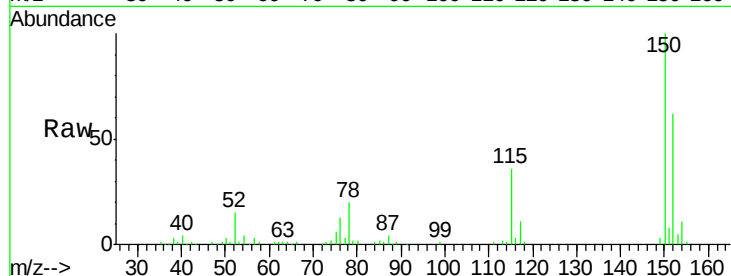




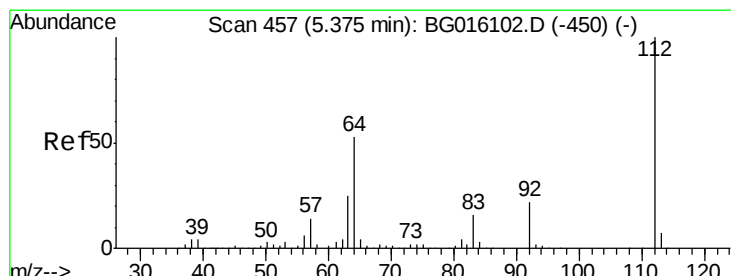
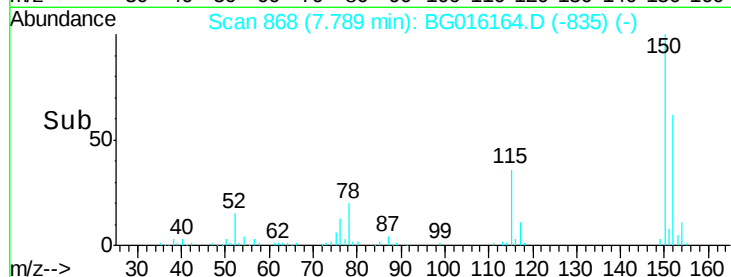
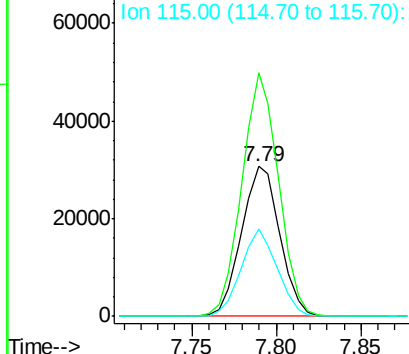
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.79 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG016164.D
 Acq: 27 Mar 2015 6:13

Instrument :
 BNA_G
 ClientSampleId :
 FB

Tgt Ion:152 Resp: 48363
 Ion Ratio Lower Upper
 152 100
 150 162.5 126.1 189.1
 115 58.4 43.7 65.5

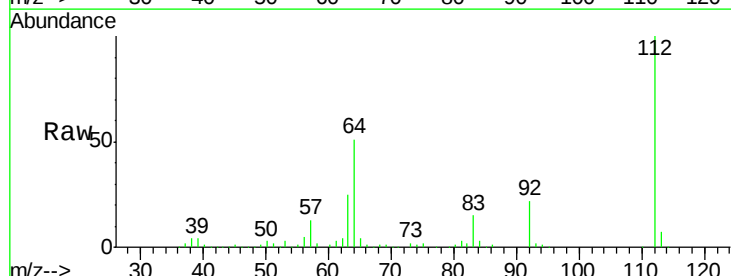


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

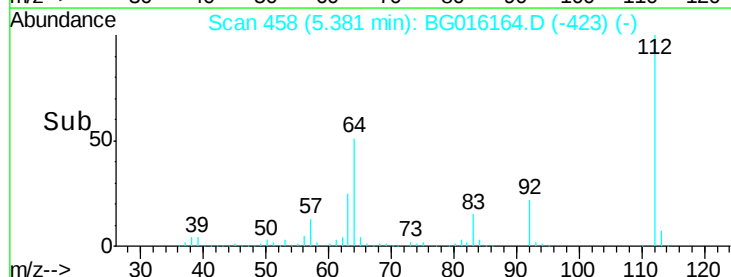
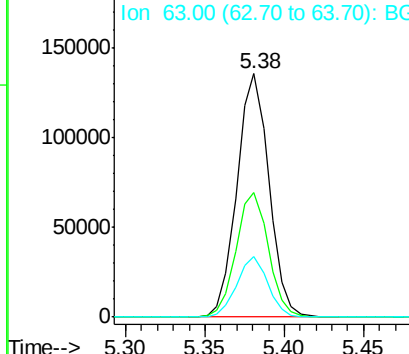


#5
 2-Fluorophenol
 Concen: 65.51 ng
 RT: 5.38 min Scan# 458
 Delta R.T. 0.01 min
 Lab File: BG016164.D
 Acq: 27 Mar 2015 6:13

Tgt Ion:112 Resp: 189290
 Ion Ratio Lower Upper
 112 100
 64 51.3 42.6 64.0
 63 25.1 19.9 29.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.90 ng

RT: 6.96 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG016164.D

Acq: 27 Mar 2015 6:13

Instrument :

BNA_G

ClientSampleId :

FB

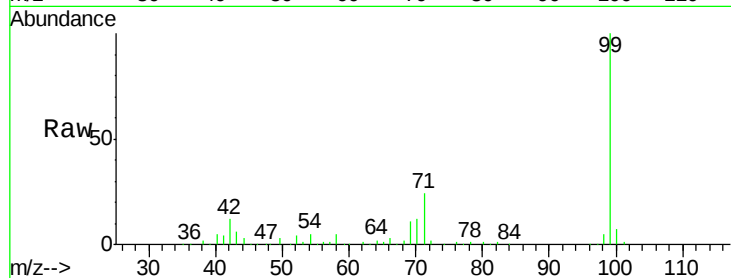
Tgt Ion: 99 Resp: 156480

Ion Ratio Lower Upper

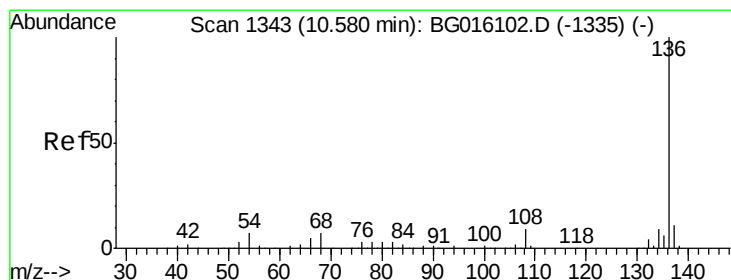
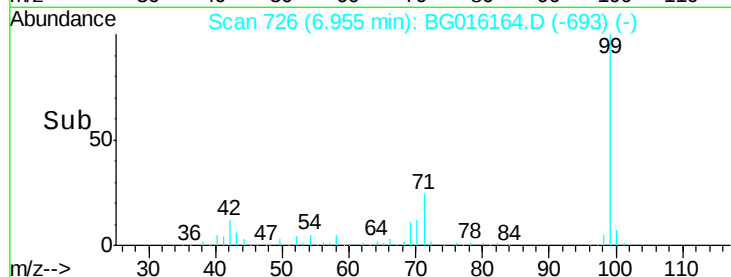
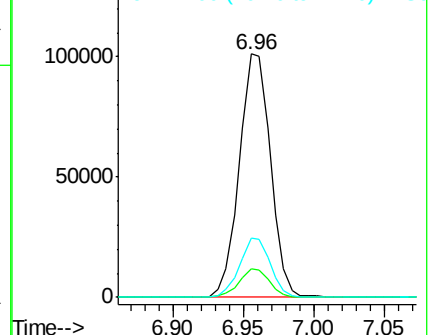
99 100

42 11.9 9.4 14.0

71 24.3 19.9 29.9



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.57 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BG016164.D

Acq: 27 Mar 2015 6:13

Tgt Ion: 136 Resp: 210477

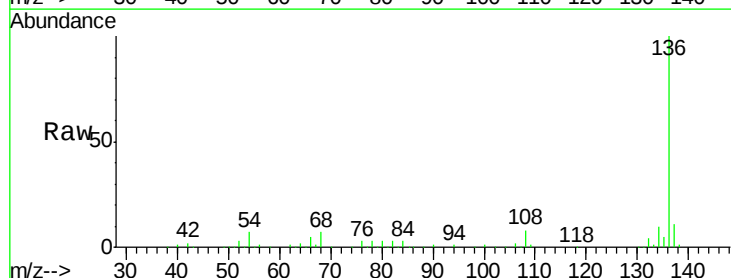
Ion Ratio Lower Upper

136 100

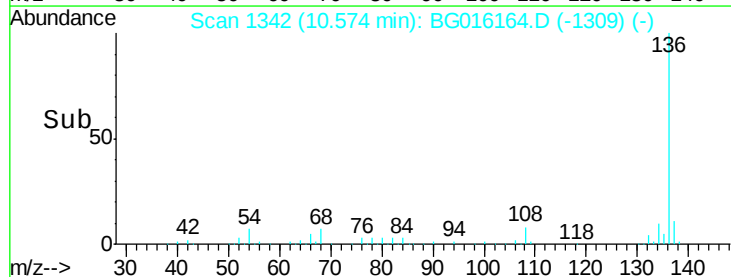
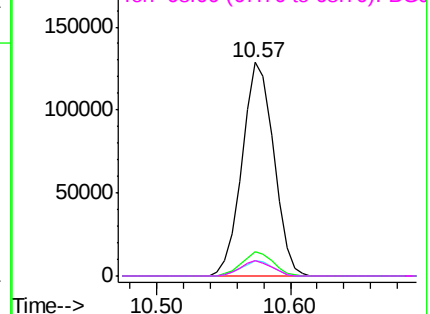
137 11.4 9.0 13.4

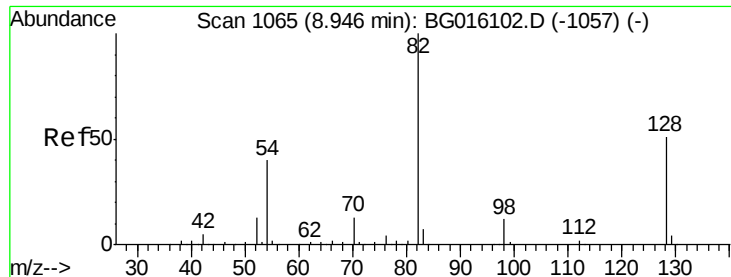
54 7.2 5.5 8.3

68 7.1 6.0 9.0



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

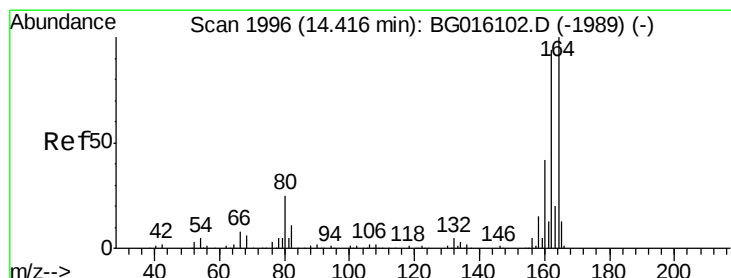
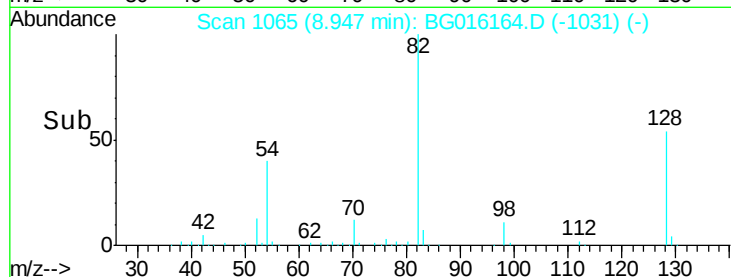
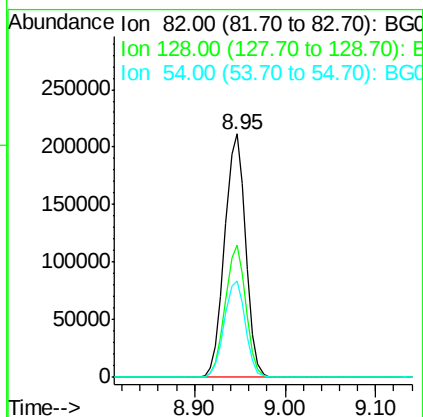
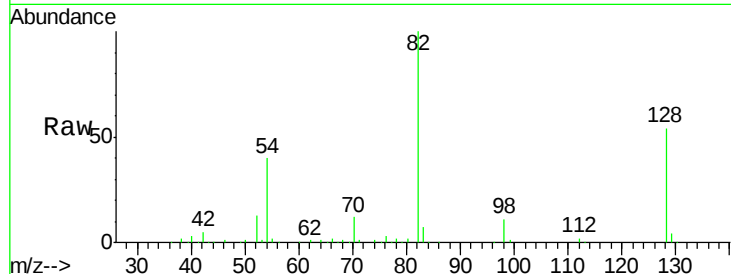




#23
 Nitrobenzene-d5
 Concen: 100.04 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BG016164.D
 Acq: 27 Mar 2015 6:13

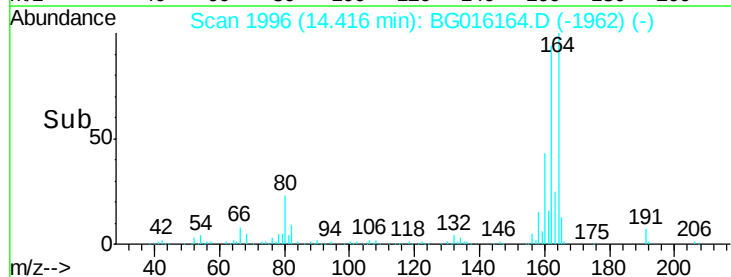
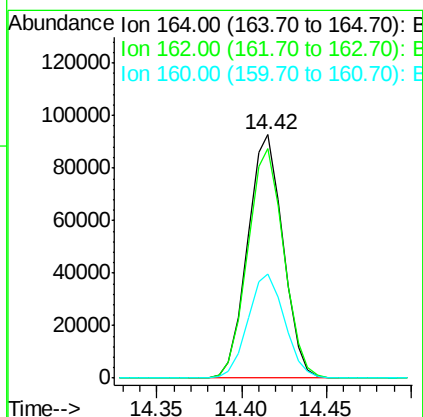
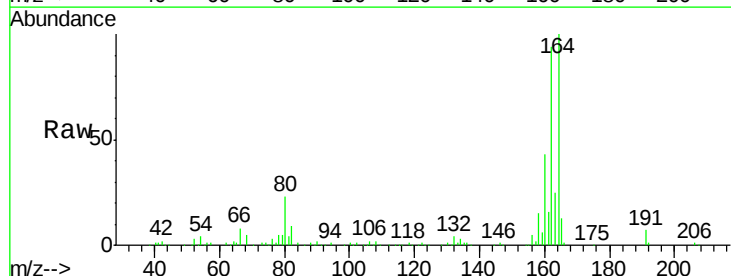
Instrument :
 BNA_G
 ClientSampled :
 FB

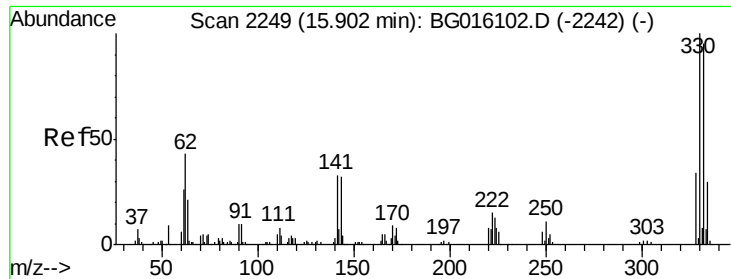
Tgt Ion	Ratio	Lower	Upper
82	100		
128	54.1	40.4	60.6
54	39.8	32.1	48.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BG016164.D
 Acq: 27 Mar 2015 6:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.4	75.2	112.8
160	42.6	33.9	50.9





#41

2,4,6-Tribromophenol

Concen: 168.79 ng

RT: 15.90 min Scan# 2249

Delta R.T. 0.00 min

Lab File: BG016164.D

Acq: 27 Mar 2015 6:13

Instrument :

BNA_G

ClientSampleId :

FB

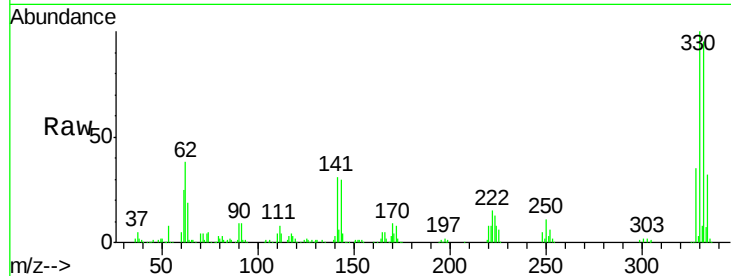
Tgt Ion:330 Resp: 261713

Ion Ratio Lower Upper

330 100

332 97.3 76.6 114.8

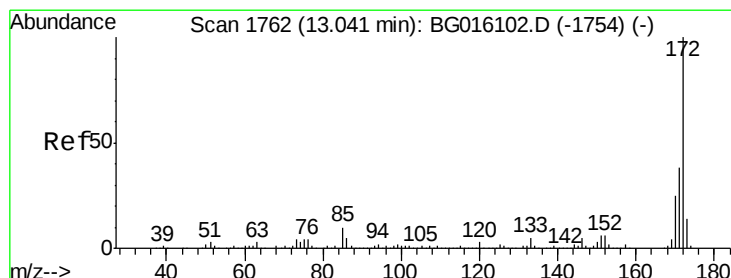
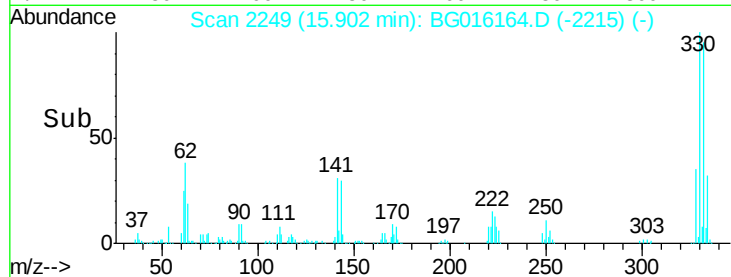
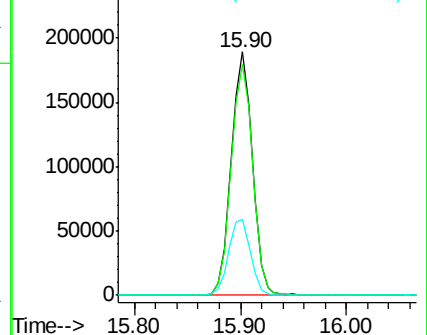
141 32.6 26.2 39.4



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 106.05 ng

RT: 13.04 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BG016164.D

Acq: 27 Mar 2015 6:13

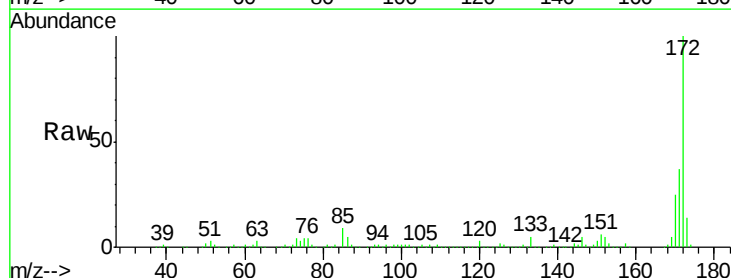
Tgt Ion:172 Resp: 855445

Ion Ratio Lower Upper

172 100

171 37.0 30.3 45.5

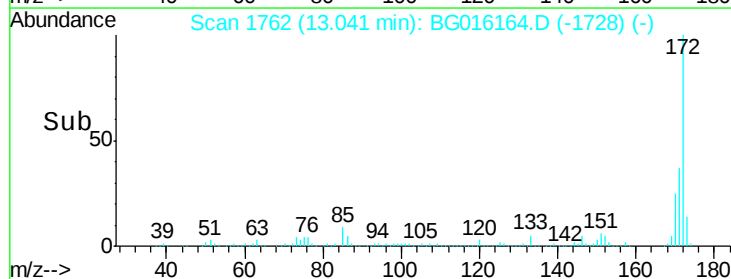
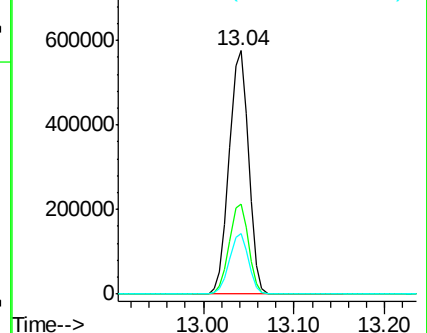
170 24.7 19.8 29.8

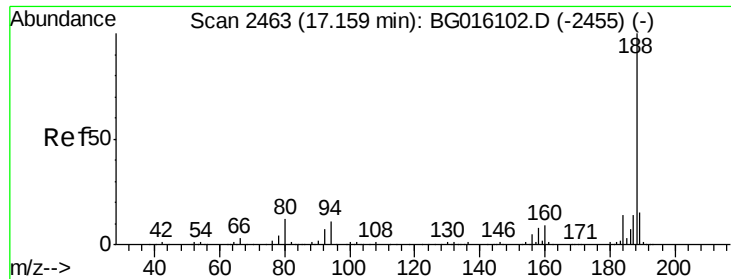


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

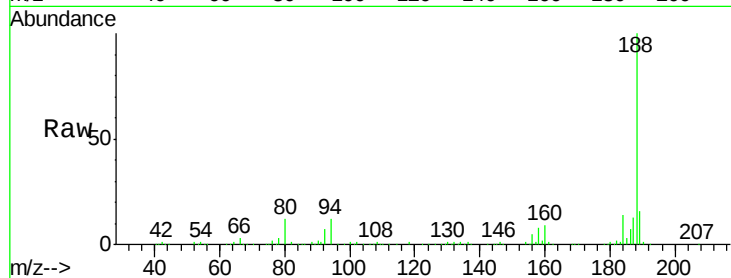




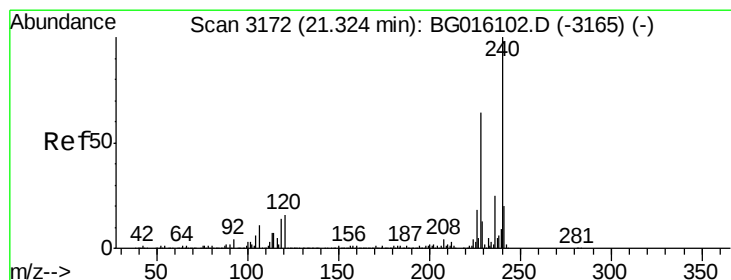
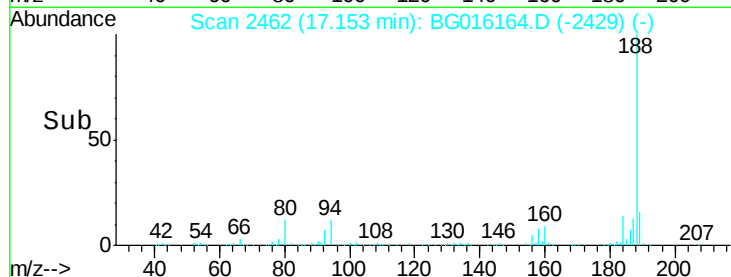
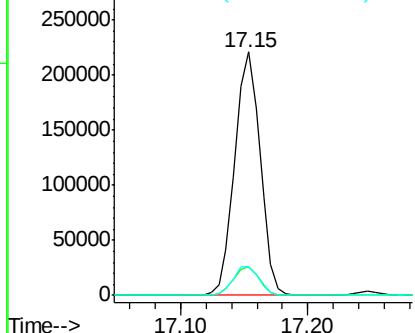
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG016164.D
Acq: 27 Mar 2015 6:13

Instrument :
BNA_G
ClientSampled :
FB

Tgt Ion:188 Resp: 306465
Ion Ratio Lower Upper
188 100
94 11.5 9.1 13.7
80 11.6 9.8 14.8

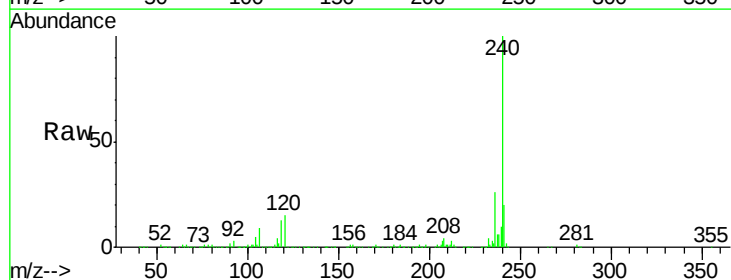


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

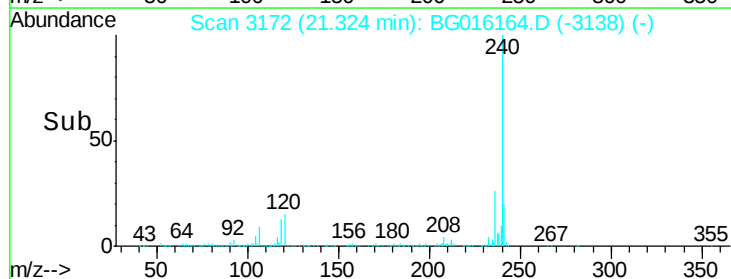
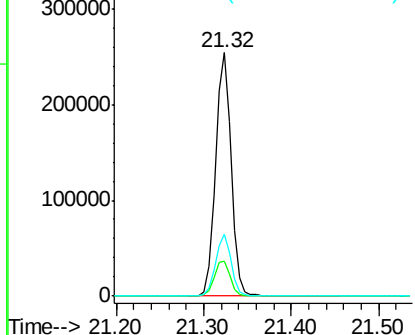


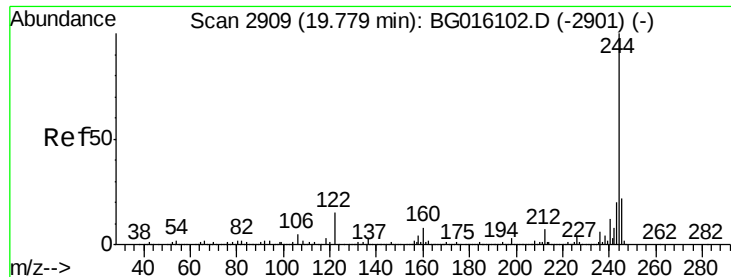
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3172
Delta R.T. 0.00 min
Lab File: BG016164.D
Acq: 27 Mar 2015 6:13

Tgt Ion:240 Resp: 315225
Ion Ratio Lower Upper
240 100
120 14.6 13.0 19.4
236 25.7 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 105.82 ng

RT: 19.77 min Scan# 2908

Delta R.T. -0.00 min

Lab File: BG016164.D

Acq: 27 Mar 2015 6:13

Instrument :

BNA_G

ClientSampleId :

FB

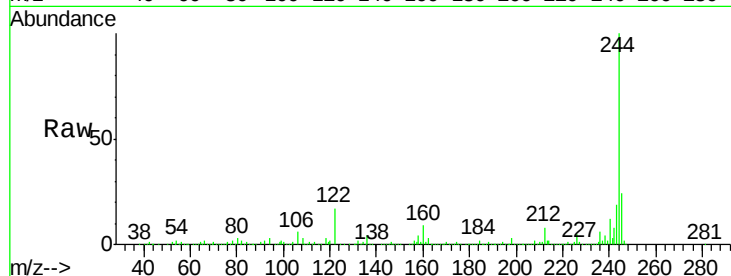
Tgt Ion:244 Resp: 1324496

Ion Ratio Lower Upper

244 100

212 8.1 5.9 8.9

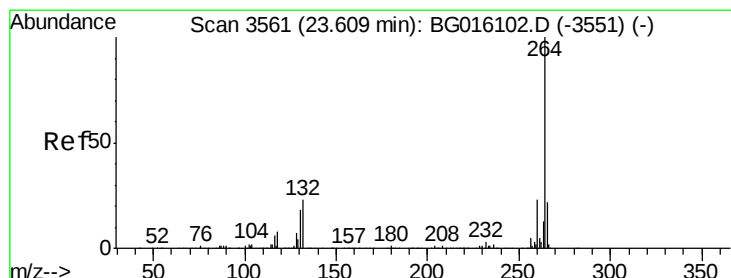
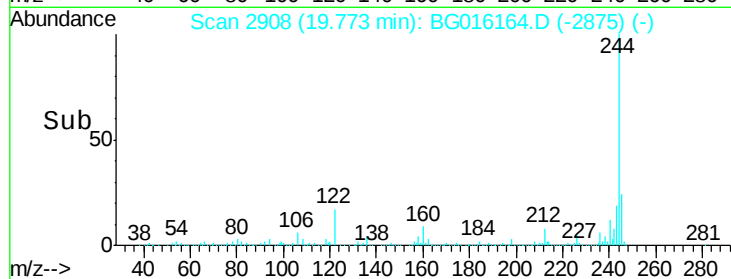
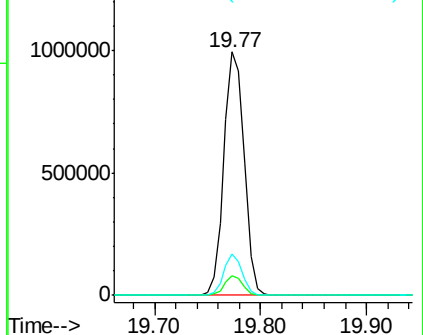
122 16.9 12.2 18.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.61 min Scan# 3561

Delta R.T. 0.00 min

Lab File: BG016164.D

Acq: 27 Mar 2015 6:13

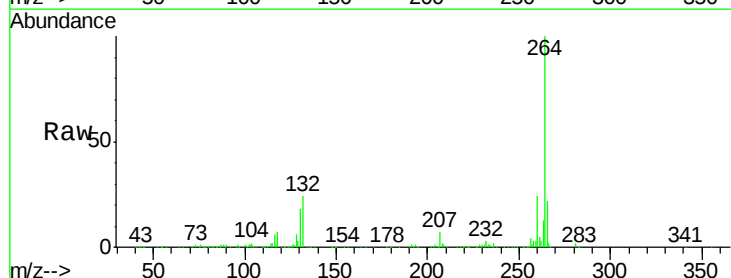
Tgt Ion:264 Resp: 306671

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 22.0 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

